

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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TITLE : SEALING MATERIAL HAVING RESISTANCE TO LUBRICATING OIL

ABSTRACT : PURPOSE: To improve the resisting properties of a sealing material to lubricating oil, by manufacturing the sealing material from a fluorine-containing thermoplastic rubber.

CONSTITUTION: A fluorine-containing thermoplastic rubber consists of at least one elastomeric polymer chain segment and one non-electromeric polymer chain segment, and at least one of the above two segments is a fluorine containing polymer chain segment. Here, it is preferable to select the weight ratio of the elastomeric polymer chain segment to the one-elastomeric polymer chain segment, in particular, at a value in the range of 40~95:5~60. By thus manufacturing a sealing material, it is enabled to impart the fluorine-containing thermoplastic rubber with rubber elasticity and an excellent sealing function and to improve the lubricating oil resisting properties.

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